

INTERNATIONAL SEARCH REPORT

Interr Application No
PCT/GB2005/001269

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01M11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/103211 A1 (LANGE CHARLES ET AL) 5 June 2003 (2003-06-05) paragraphs '0001! - '0003!, '0026! - '0056!; figures 2B,3,4	1-4, 8-18, 22-29,32
X	US 4 572 949 A (BOWERS ET AL) 25 February 1986 (1986-02-25) column 1, lines 9-14 column 2, line 36 - column 4, line 27 column 13, lines 21-62; figures 2,6 -/-	1,2, 8-18, 22-25,32

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

7 September 2005

Date of mailing of the international search report

15/09/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 636 021 A (UDD ET AL) 3 June 1997 (1997-06-03)</p> <p>column 1, lines 4-8 column 5, line 26 - column 6, line 59; figure 2 column 12, lines 25-56; figure 8</p>	<p>1-3, 19-22, 26,30-32</p>
X	<p>US 6 459 486 B1 (UDD ERIC ET AL) 1 October 2002 (2002-10-01)</p> <p>column 1, lines 28-34 column 2, line 54 - column 4, line 19; figures 1,2</p>	<p>1-3,22, 26,32</p>

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Information on patent family members

Interr Application No
PCT/GB2005/001269

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003103211	A1	05-06-2003	EP 1451556 A1 JP 2005512047 T WO 03048746 A1	01-09-2004 28-04-2005 12-06-2003
US 4572949	A	25-02-1986	US 4652744 A AT 48033 T AU 569251 B2 AU 1604783 A BR 8306918 A CA 1229674 A1 DE 3380854 D1 EP 0091826 A2 IL 68399 A KR 9100604 B1 NO 834587 A WO 8303684 A1	24-03-1987 15-12-1989 28-01-1988 04-11-1983 17-04-1984 24-11-1987 21-12-1989 19-10-1983 20-12-1987 28-01-1991 13-12-1983 27-10-1983
US 5636021	A	03-06-1997	NONE	
US 6459486	B1	01-10-2002	NONE	